Expenditure on T and D of Power

†1561. SHRI KAPIL SIBAL:

SHRI RAJIV RANJAN SINGH 'LALAN':

Will the Minister of POWER be pleased to state:

(a) whether Government have made an assessment of expenditure incurred on transmission and distribution of power;

(b) if so, the amount being spent per unit by electricity boards in each State on transmission and distribution of electricity;

(c) whether it is also a fact that the said amount of expenditure is much more than the amount of expenditure incurred at international level; and

(d) *if so, the average expenditure at international level?*

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) and (b) According to the Annual Report of the Planning Commission on the Working of State Electricity Boards (SEBs) and Electricity Departments (EDs) (June, 2002), the details of the outlay on transmission and distribution in various States during the period 1992-93 to 2000-2001 is enclosed in the statement (*See* below). The per unit cost of transmission varies according to the location of the generating stations, quantum of power flows apart from the investments made.

(c) and (d) It may not be appropriate to compare the investment made on transmission and distribution in our country with that of other countries. The transmission and distribution system in our country is still at the developmental stage wherein large areas are still required to be electrified and hence huge investment is required in this sector.

As per the report of Rajyadhaksha Committee on Power (1980), the thumb rule for investment ratio of expenditure on generation, Transmission and Distribution and rural electrification should be 4:2:1:1 between generation on one hand and the transmission and distribution (including rural electrification) on the other. The actual ratio of investment on generation and Transmission and Distribution (including RE) has been less than 1:1 except during the first plan period as adequate resources were not available for investment on system improvement schemes.

†Original notice of the Question was received in Hindi.

Statement

Outlay on Transmission and Distribution

Rs. Crores

	1992-97 (8th Plan)	1992-93	1993-94	1994-95	1995-96	1997-98	1998-99	1999-2000	2000-01
SEBs									
1. Andhra Pradesh	1000.00	168.00	192.74	160.00	160.00	4.75	467.69	399.28	703.00
2. Assam	355.09	67.77	48.98	83.15	67.95	50.00	60.00	59.74	37.11
3. Bihar	460.00	121.97	120.35	134.01	104.00	38.72	156.73	16.00	97.38
4. Delhi	955.53	200.00	229.20	311.50	356.35	276.00	396.50	301.38	428.45
5. Gujarat	1100.00	200.00	289.00	255.04	280.36	374.69	560.00	501.37	477.95
6. Haryana	783.00	81.00	124.27	50.83	126.30	148.33	386.60	381.60	389.40
7. Himachal Pradesh	120.00	30.00	36.70	55.40	35.00	36.17	38.40	38.40	35.75
8. Jammu and Kashmir	450.00	95.00	94.76	102.04	125.05	162.78	165.72	81.99	109.73
9. Karnataka	973.00	159.00	263.26	211.66	232.00	162.41	248.12	258.97	236.18
10. Kerala	693.00	105.00	139.30	200.00	179.00	335.68	286.35	286.35	383.78
11. Madhya Pradesh	1300.00	265.00	262.00	262.00	304.00	209.80	198.33	352.80	159.66
12. Maharashtra	1530.00	250.00	246.25	383.85	397.71	500.00	504.25	609.94	568.05
13. Meghalaya	61.11	14.12	20.85	21.00	21.59	11.84	7.60	7.60	9.14
14. Orissa	620.00	75.92	71.88	120.31	126.79	149.08	332.96	659.90	280.00
15. Punjab	939.00	172.00	150.00	78.00	100.00	110.00	300.00	314.00	287.37
16. Rajasthan	972.11	129.00	164.30	203.41	279.15	239.83	321.33	321.62	395.60
17. Tamil Nadu	1383.60	170.00	160.00	198.60	239.65	416.12	466.28	529.49	549.77
18. Uttar Pradesh	2800.00	257.72	437.30	770.87	1063.85	715.81	1060.20	971.00	830.82
19. West Bengal	900.00	93.50	52.00	66.34	100.00	267.48	163.00	342.73	352.50
20. Chhattisgarh									50.00
21. Jharkhand									24.82
22. Uttaranchal									
EDs									
1. Arunachal Pradesh	68.00	10.00	13.80	17.00	29.50	21.30	3.12	30.00	NA
2. Goa	46.06	9.28	11.60	16.74	16.50	18.73	13.80	29.40	29.90
3. Manipur	77.00	19.50	21.58	24.68	30.23	24.11	17.00	16.79	22.43
4. Mizoram	43.00	11.41	8.35	6.03	9.31	17.30	22.62	25.36	28.55
5. Nagaland	28.10	7.26	4.06	4.00	4.76	3.20	3.43	0.00	NA
6. Pondicherry	38.22	10.70	12.90	17.15	23.91	15.69	13.20	18.07	19.24
7. Sikkim	40.00	6.00	6.00	10.00	10.50	11.66	12.45	15.51	12.29
8. Tripura	40.00	7.50	7.50	4.95	14.83	14.66	20.43	20.00	9.33

Source: Annual Report of the Planning Commission on the Working of SEBs/EDs. (June, 2002)